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# Continuity Information for 10/603254

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10603254

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Which is a continuation of 09339494 (ABN)

Which is a continuation in part of 08989253 DP

Assignee: Bank of America

## Child Data

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Arzneimittelforschung. 2004;54(1):31-4.  
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- ☐ 2: Zhi J, Moore R, Kanitra L, Mulligan TE. Related Articles, Links  
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Interactions between simvastatin and troglitazone or pioglitazone in

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J Clin Pharmacol. 2001 May;41(5):573-81.

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- ☐ 8: [Ziviani L, Da Ros L, Squassante L, Milleri S, Cugola M, Iavarone LE.](#) Related Articles, Links



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- ☐ 9: [Prueksaritanont T, Vega JM, Rogers JD, Gagliano K, Greenberg HE, Gillen L, Brucker MJ, McLoughlin D, Wong PH, Waldman SA.](#) Related Articles, Links



Simvastatin does not affect CYP3A activity, quantified by the erythromycin breath test and oral midazolam pharmacokinetics, in healthy male subjects.

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PMID: 11075313 [PubMed - indexed for MEDLINE]

- ☐ 10: [Lilja JJ, Kivisto KT, Neuvonen PJ.](#) Related Articles, Links



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- ☐ 13: [Rogers JD, Zhao J, Liu L, Amin RD, Gagliano KD, Porras AG, Blum RA, Wilson MF, Stepanavage M, Vega JM.](#) Related Articles, Links



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Grapefruit juice increases serum concentrations of atorvastatin and has no effect on pravastatin.

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Grapefruit juice-simvastatin interaction: effect on serum concentrations of simvastatin, simvastatin acid, and HMG-CoA reductase inhibitors.

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PMID: 9834039 [PubMed - indexed for MEDLINE]

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PMID: 9797793 [PubMed - indexed for MEDLINE]

☐ 18: [Kantola T, Kivisto KT, Neuvonen PJ.](#)[Related Articles](#), [Links](#)

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 Enhancement of 3-hydroxy-3-methylglutaryl-coenzyme A (HMG-CoA) reductase inhibitor efficacy through administration of a controlled-porosity osmotic pump dosage form.  
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### Enhancement of 3-hydroxy-3-methylglutaryl-coenzyme A (HMG-CoA) reductase inhibitor efficacy through administration of a controlled-porosity osmotic pump dosage form.

McClelland GA, Stubbs RJ, Fix JA, Pogany SA, Zentner GM.

INTERx Research Corporation, Merck Sharp & Dohme Research Laboratories, Lawrence, Kansas 66047.

An extended-release osmotic dosage form was designed for gastrointestinal delivery of the water-soluble tromethamine salt of the beta-hydroxyacid form of simvastatin, a potent HMG-CoA reductase inhibitor and cholesterol lowering agent. The cholesterol lowering efficacy and systemic plasma drug levels resulting from peroral administration of this dosage form, relative to a powder-filled capsule oral bolus, were evaluated in dogs. A twofold improvement in cholesterol lowering efficacy was realized with the controlled-release dosage form that was accompanied by a drug AUC and C<sub>max</sub> that were 67 and 16%, respectively, of those achieved with the bolus dosage form. These results suggest that extended-release dosage forms have the potential for a dose-sparing advantage in the administration of HMG-CoA reductase inhibitors for the treatment of hypercholesterolemia.

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